


Integrating Water and Waste Programs to Restore Watersheds



June 20, 2006

Using EPA's manual *Integrating Water and Waste Programs to Restore Watersheds* to streamline watershed restoration and protection.

Historically EPA Water and Waste
Programs have been conducted
independently of one another



Water
Programs

Waste
Programs

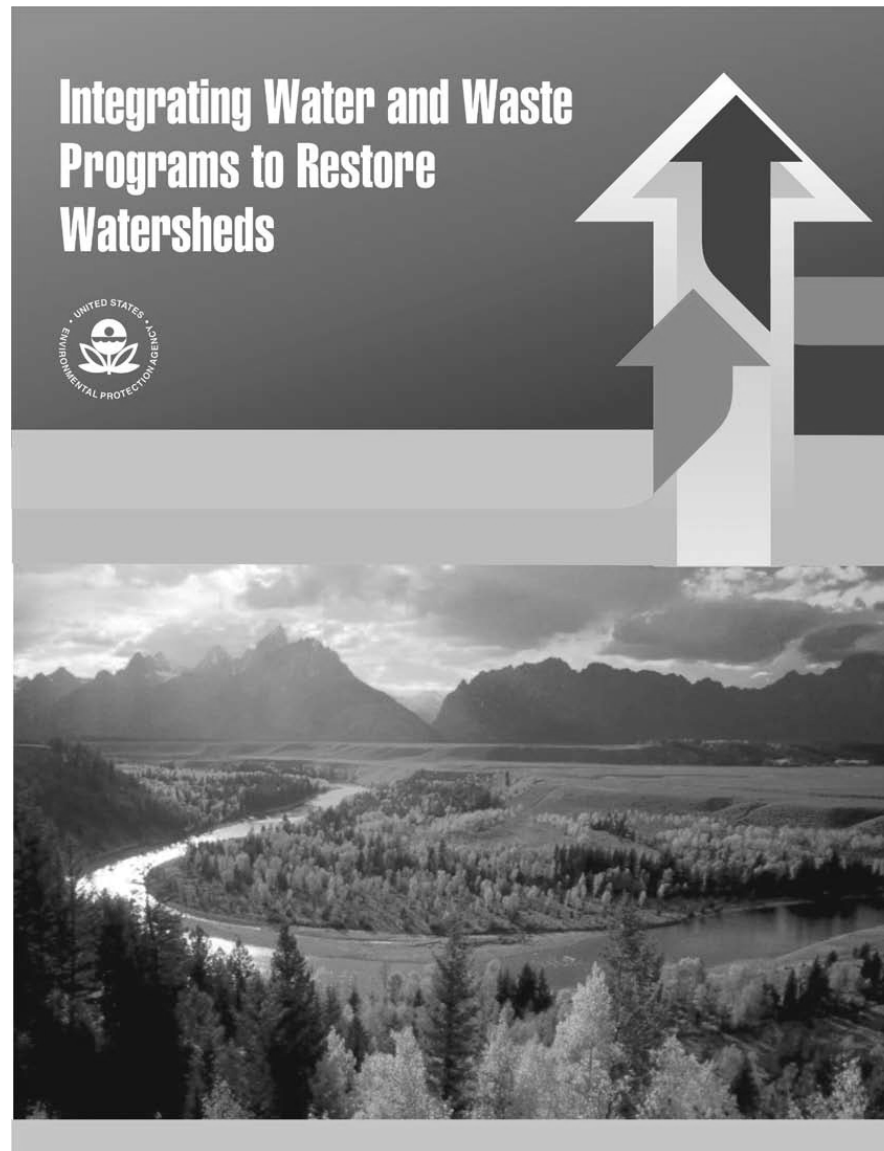
They have separate:

- Lead agencies (State or EPA)
- Authorities
- Regulatory requirements
- Types of media
- Range of contaminants
- Resources

But both programs

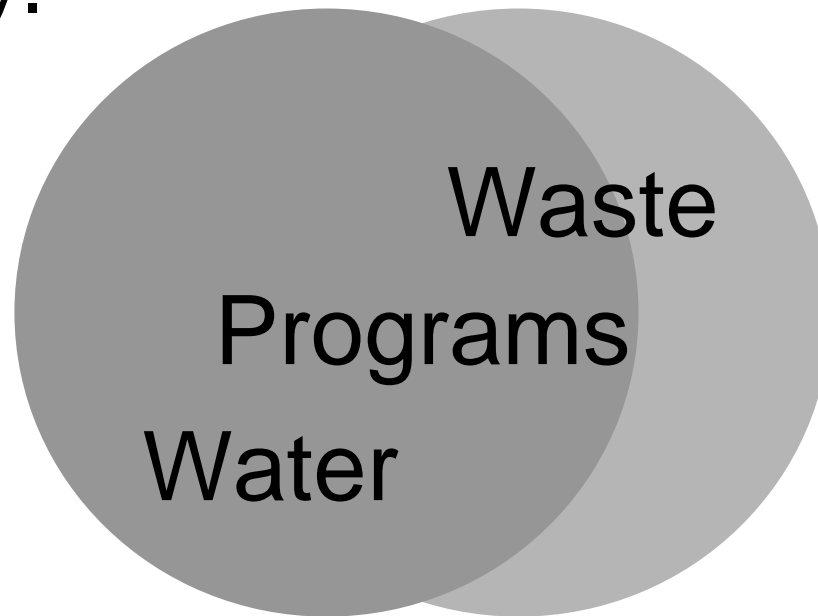
- Operate within a watershed context
- Require assessment and planning
- Involve stakeholders
- Include cleanup actions
- Require monitoring
- Need funding

The result...



The Goal:

- Enhance coordination across EPA waste and water programs to
- Restore watersheds more efficiently and effectively.



How?

- Streamline requirements
- Combine Limited Resources
 - Information
 - People
 - Dollars
- Integrate data collection and assessment tools
- Reduce duplicative efforts, wasted funds, and contradictory endpoints



Who uses the document?

Primarily agency waste and water program managers working in watersheds that contain hazardous waste.



What's in the Document?

- Background, elements of a successful watershed cleanup
- Primary programs and stakeholders
- Data integration and watershed assessment tools
- Funding information
- Opportunities for integrated watershed cleanup
- Resources, case studies



Phases of Watershed Clean up

- Identify Problems
- Set Goals
- Identify Solutions
- Implement Plan



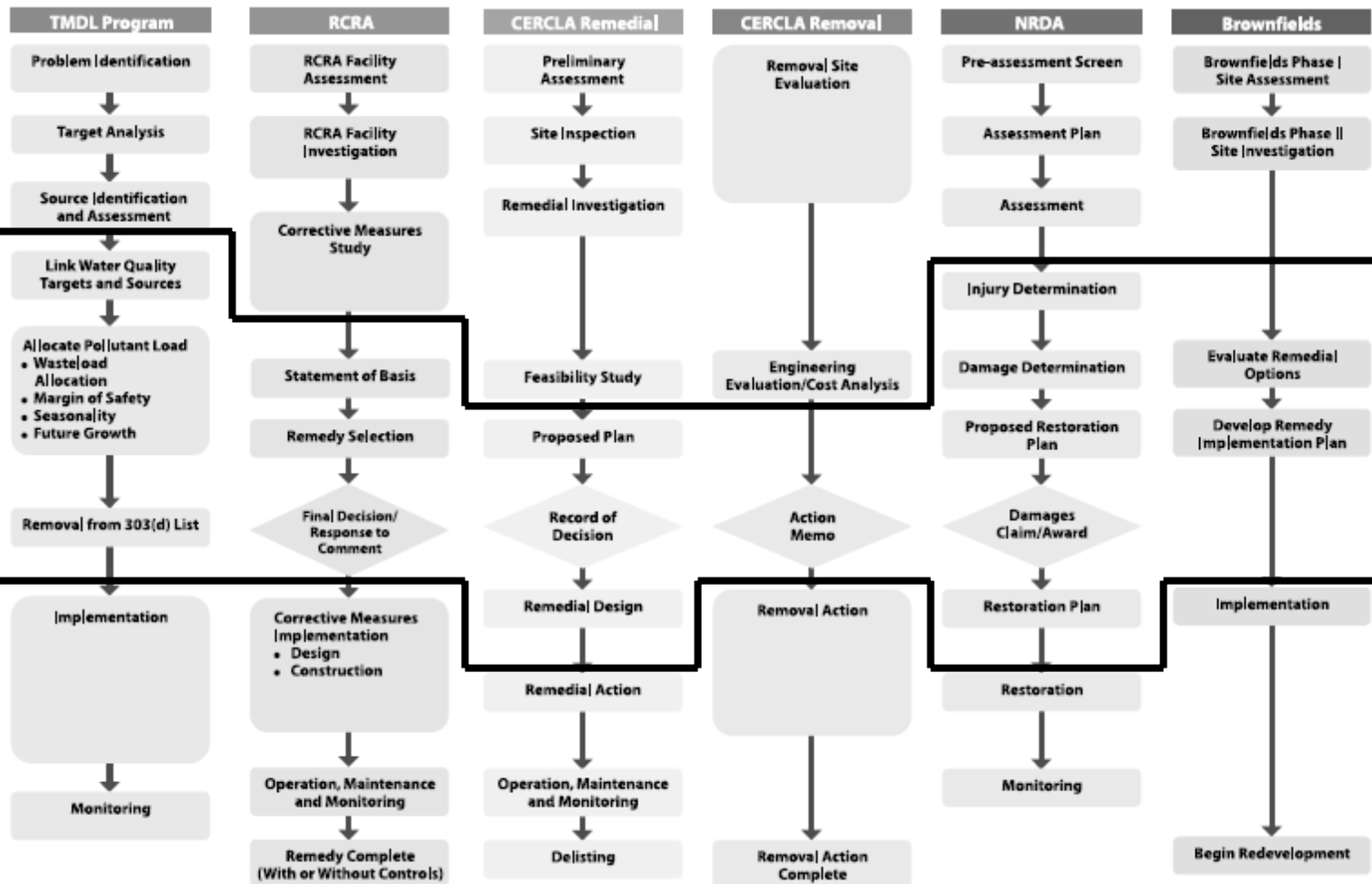
EPA Assessment and Cleanup Programs

Identify Problems

Set Goals

Develop Solutions

Implement Plan



10 Steps of an Effective Watershed Cleanup Process

**Identify
Problems**

**Identify driving forces and scale
of watershed effort**

Form a watershed cleanup team

**Set
Goals**

Identify problems and set goals

Compile existing data
(See Comprehensive Preliminary Assessment)

Analyze data

Collect additional data if needed

**Develop
Solutions**

**Identify significant sources
of contamination**

**Prioritize cleanup sites and methods;
identify funding sources and
technical assistance needed**

**Implement
Plan**

Conduct the cleanup

**Monitor performance; evaluate
results and make changes as needed**



Environmental Protection Agency Webcast

Using EPA's manual *Integrating Water and Waste Programs to Restore Watersheds* to streamline watershed restoration and protection.

Tuesday, July 11, 2006 90-minute audio Web broadcast

Eastern: 1:00 pm – 2:30
pm

Central: 12:00 pm – 1:30
pm

Mountain: 11:00 am –
12:30pm

Pacific: 10:00 a.m. – 11:30 pm

Intranet site:

<http://intranet.epa.gov/osrti/ard/spb/wwintegration/wwintegration.pdf>